



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Tuesday, September 18, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Today - Thursday

- **No significant weather today & tomorrow.**
- **Isolated heavy rain/flash flooding possible Thursday for southern NM into Far West TX.**
- **Minor to moderate river flooding will continue across S TX.**

Friday – Saturday

- **Areas of heavy rain/flash flooding possible for north & west TX into OK and NW AR.**

Tropical Outlook

- **Post-Tropical Cyclone Florence is over PA and moving E around 13mph. This motion is expected to turn more east-southeasterly later today into Wednesday before Florence becomes absorbed by another low pressure area on Thursday.**
 - **Continued NO impacts to FEMA Region 6.**
 - **Additional impacts to FEMA Region IV are NOT expected beyond the ongoing/forecast river flooding in NC/SC.**
- **Tropical Depression Joyce in the NE Atlantic will have no impacts to FEMA 6.**

FEMA Region 6 Threat Matrix

Sept 18, 2018 – Sept 22, 2018



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DAY / THREAT	TUE	WED	THU	FRI	SAT
Severe Storms					
Heavy Rain / Flash Flooding			Southern NM into Far West TX	North & West TX into OK and NW AR	North & West TX into OK and NW AR
Fire Weather					
Tropical Weather					
River Flooding	STX	STX	STX		

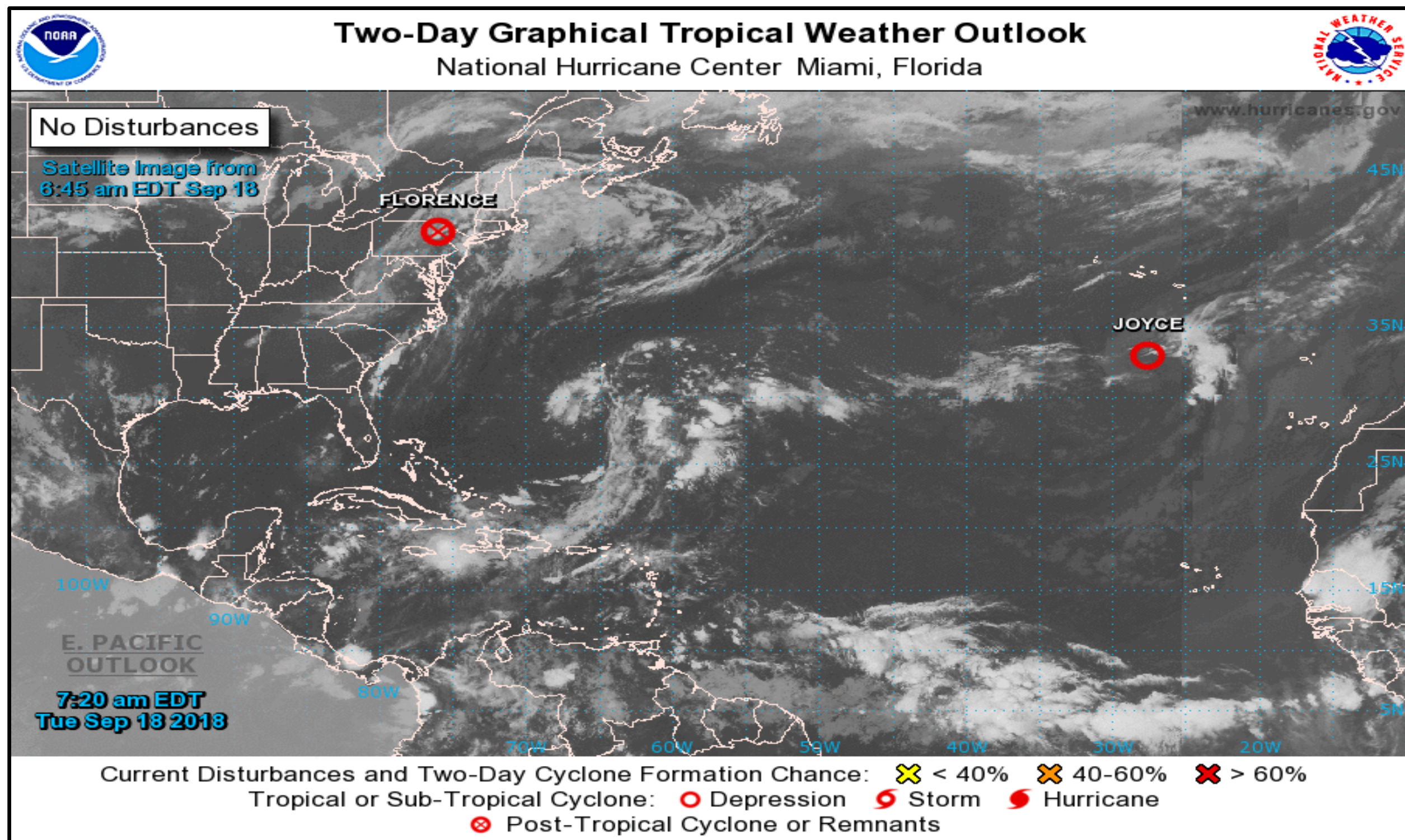
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

Tropical Weather Outlook – Atlantic/Gulf

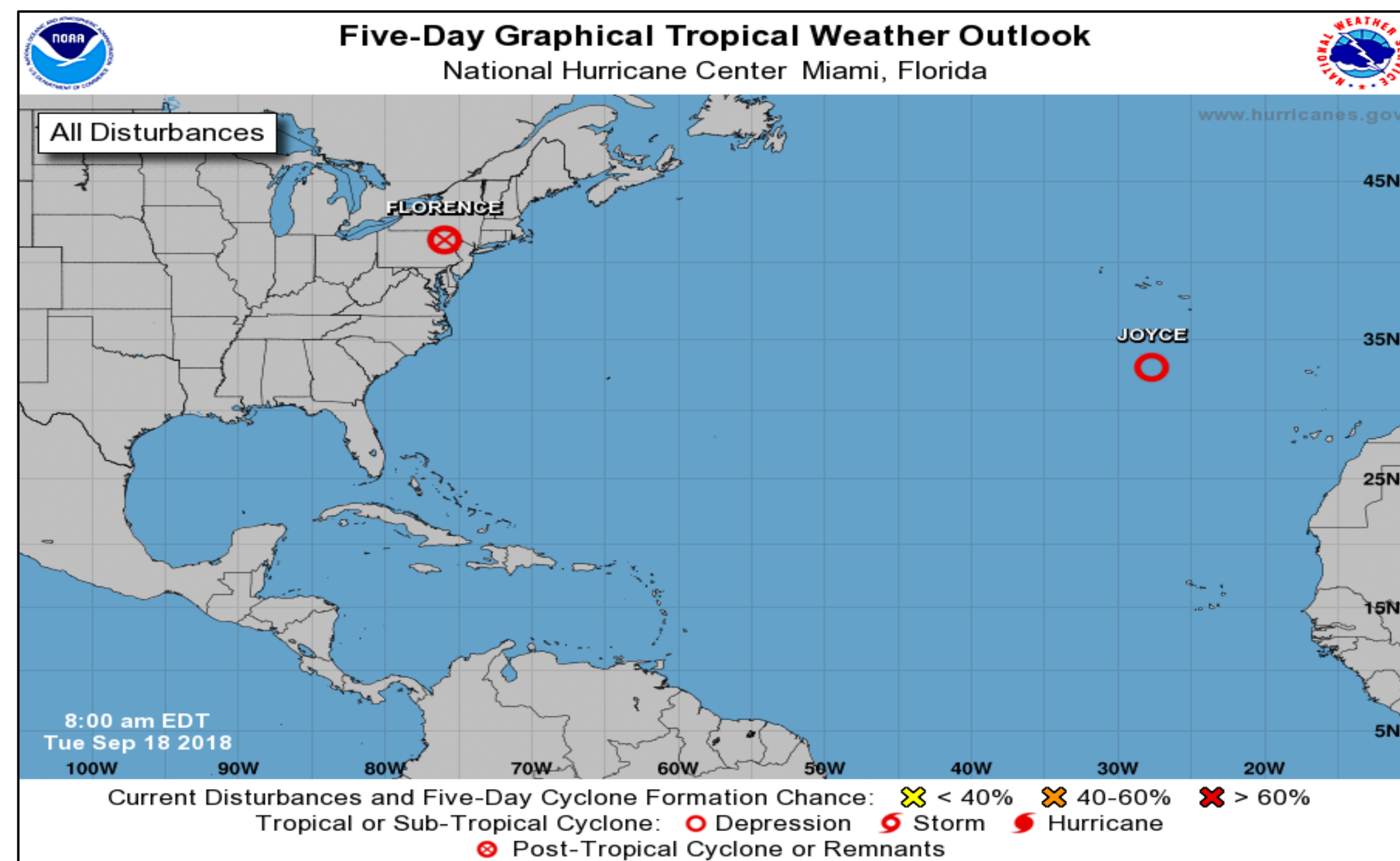


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See next slide for more information on Florence.
Continued NO impacts to FEMA Region 6.
Additional impacts to FEMA IV are NOT expected beyond the ongoing/forecast river flooding in NC/SC.

See additional slide for information on Joyce.
No impacts to FEMA 6 or IV from this storm.

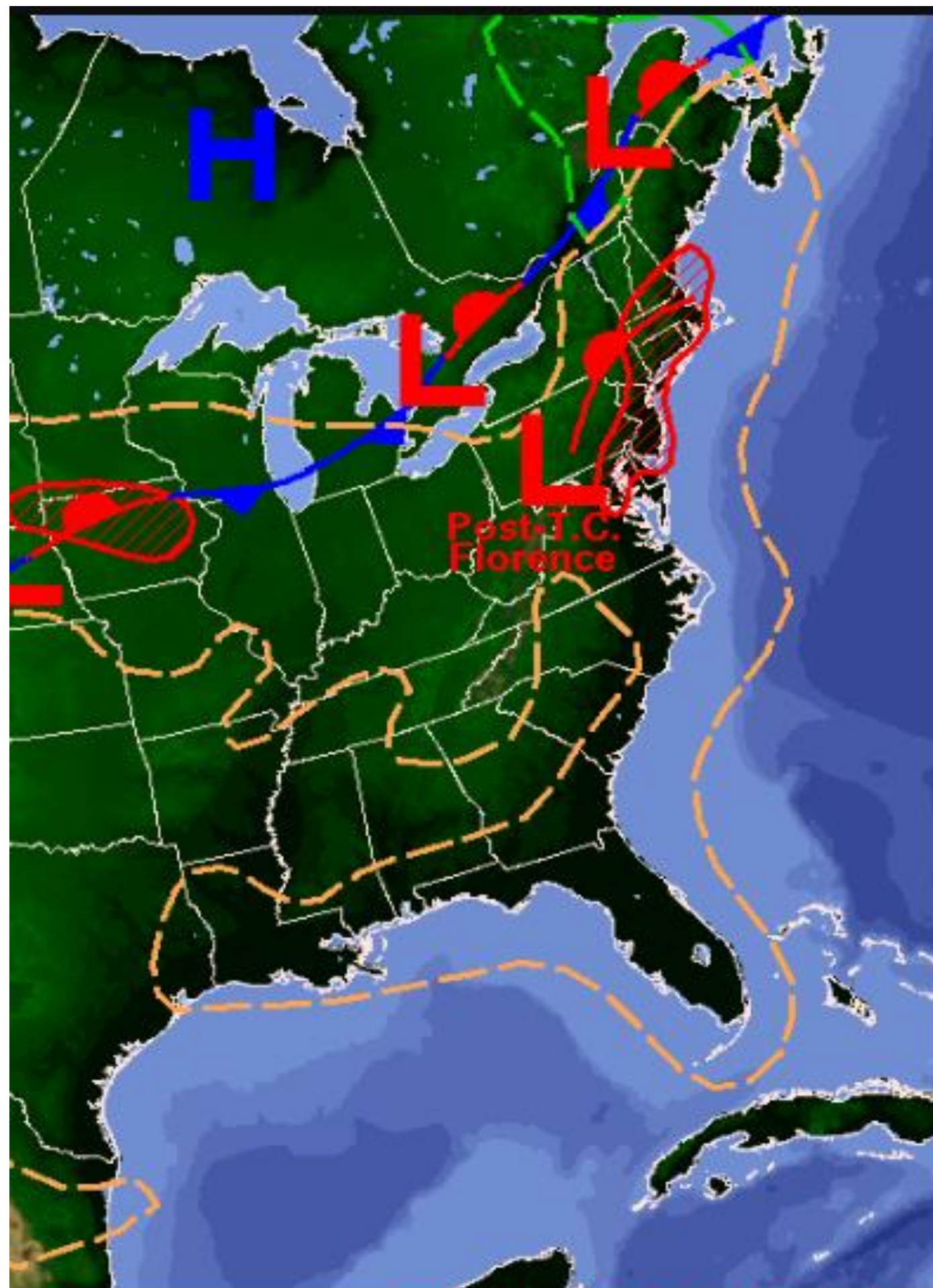


Tropical Depression Florence



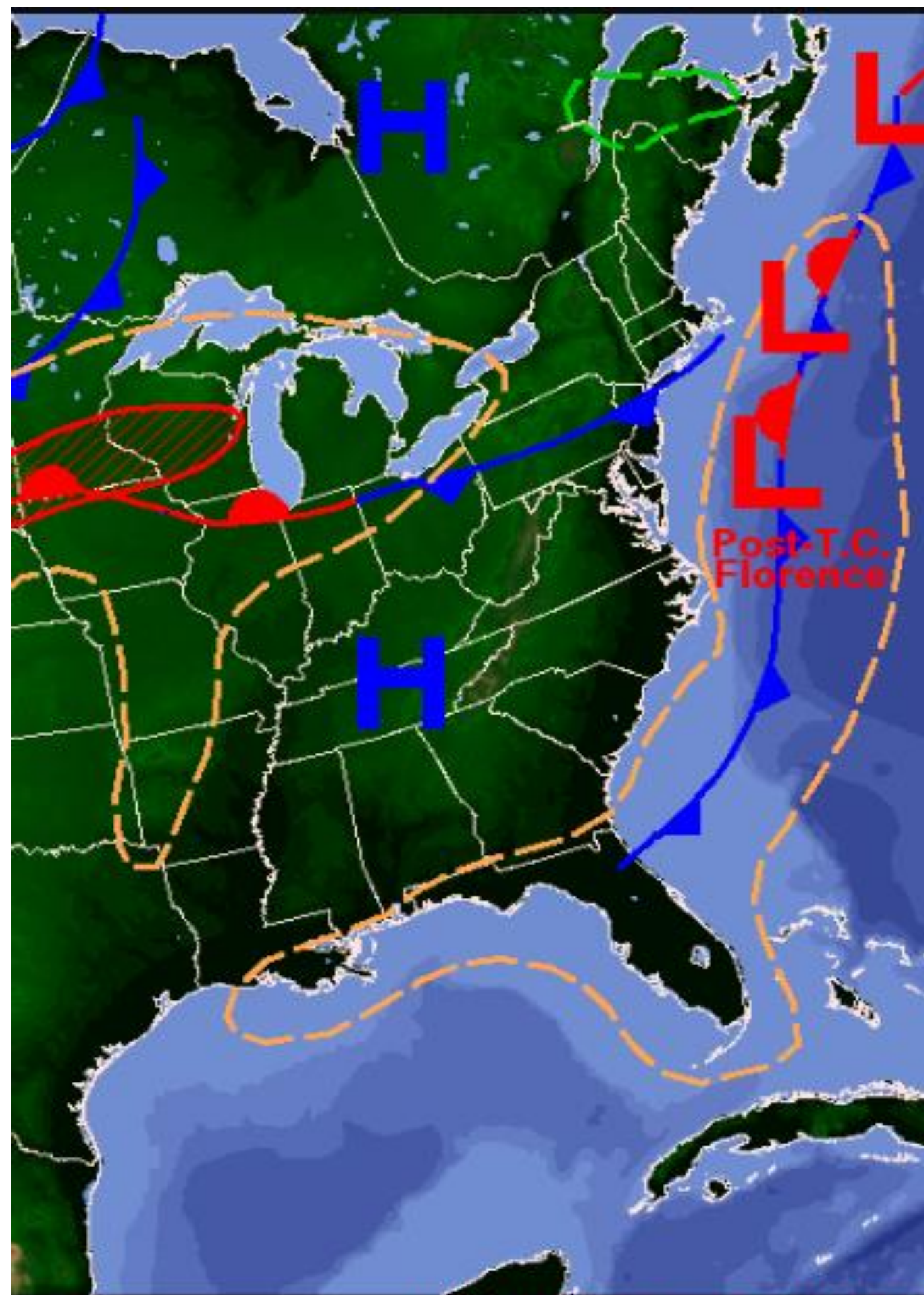
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Tuesday



Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)

Wednesday



Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)

Post-Tropical Cyclone Florence is over PA and moving E around 13mph. This motion is expected to turn more east-southeasterly later today into Wednesday before Florence becomes absorbed by another low pressure area on Thursday.

Continued NO impacts to FEMA Region 6.

Additional impacts to FEMA Region IV are NOT expected beyond the ongoing/forecast river flooding in NC/SC.
(see next slide for details on areas/timing)

Tuesday Morning River Conditions

Rivers Receding

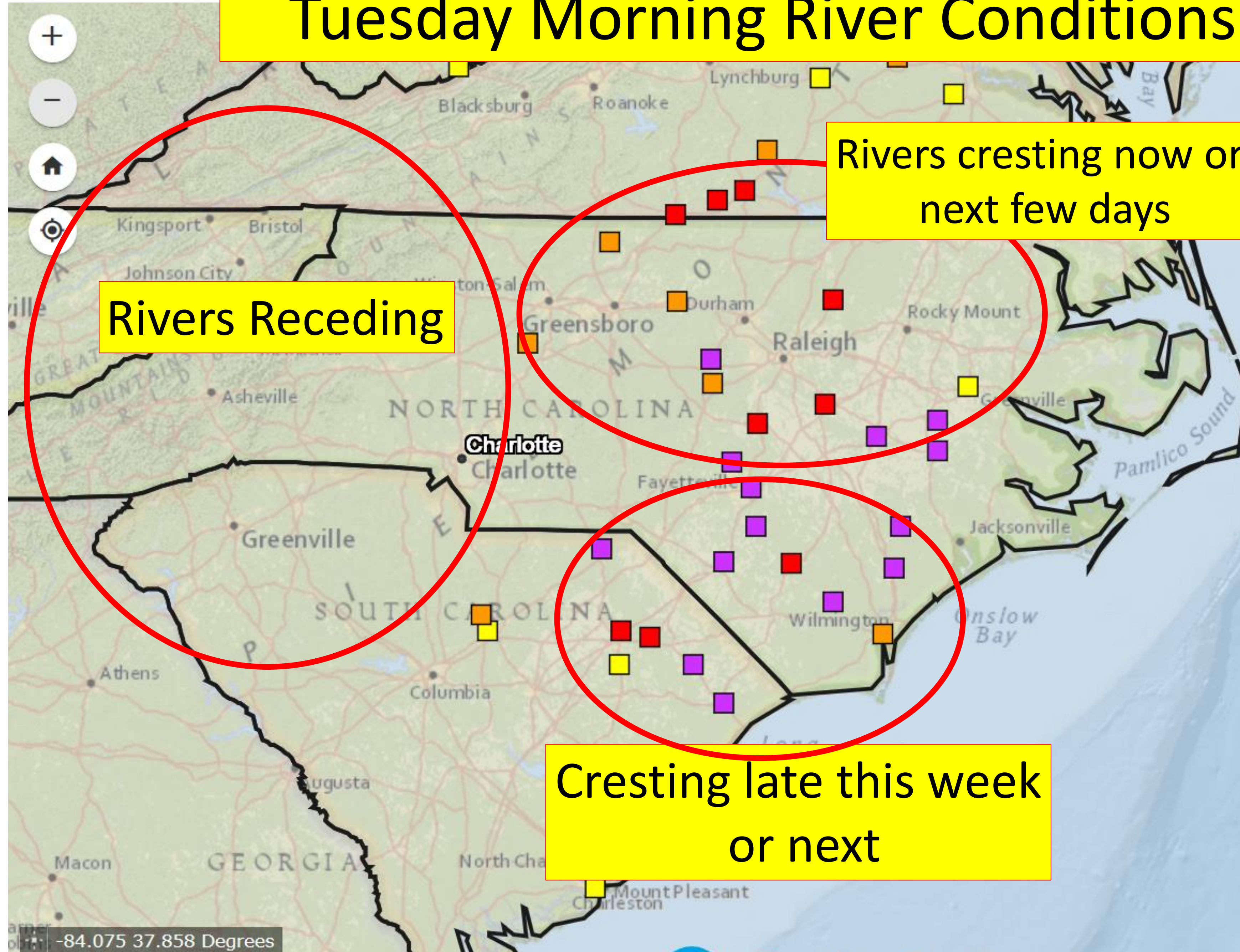
Rivers cresting now or next few days

Cresting late this week or next

Legend

Forecast River Flood Status

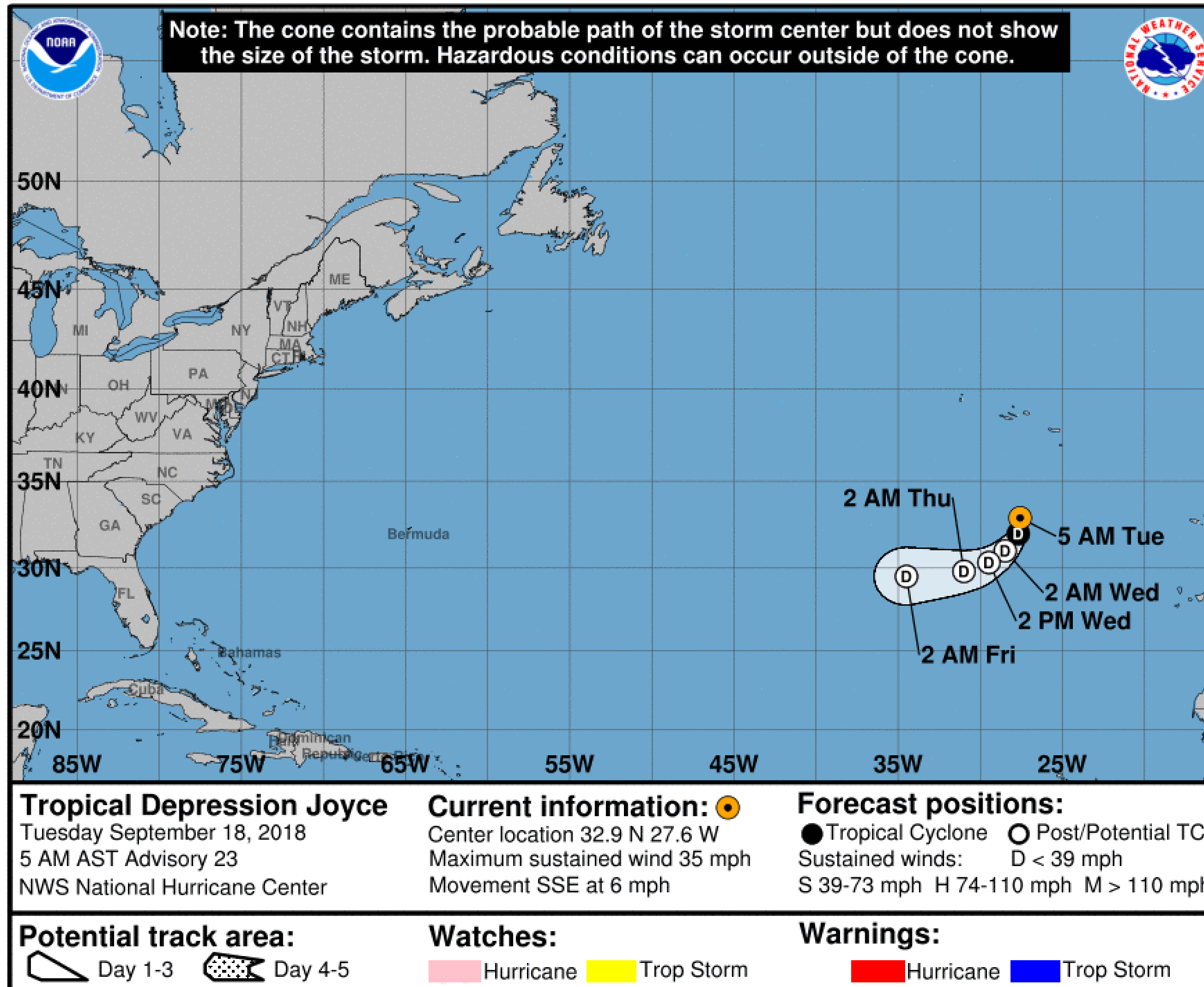
- Major Flooding
- Moderate Flooding
- Minor Flooding
- Near Flood



Tropical Depression Joyce



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The depression is moving toward the south-southeast near 6 mph. A turn toward the south is forecast later today, followed by a motion toward the southwest on Wednesday and Thursday.

Maximum sustained winds are near 35 mph with higher gusts. Gradual weakening is expected during the next couple of days, and Joyce is forecast to become a remnant low later today or tonight.

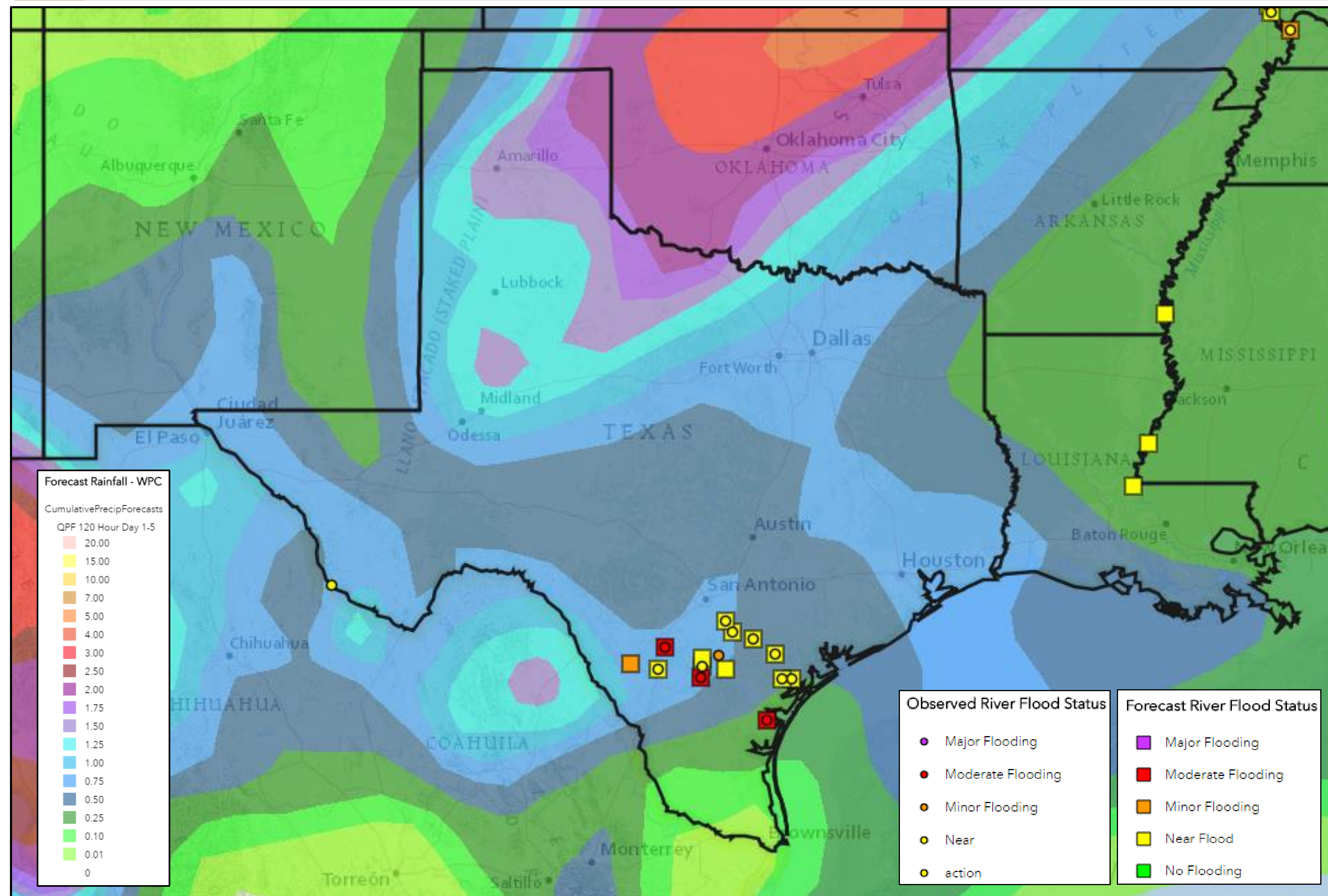
NO Impacts to FEMA Regions 6 or IV.

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Water is still moving downstream in the Nueces, Frio Atascosa and Mission Rivers from rainfall over the last week.

The Nueces River near Tilden will likely remain in Moderate Flood Stage through most of this week with another rise to near major flood late this week into next weekend. Mostly agricultural impacts are expected.

Oso Creek near Corpus Christi has crested and will continue to fall.

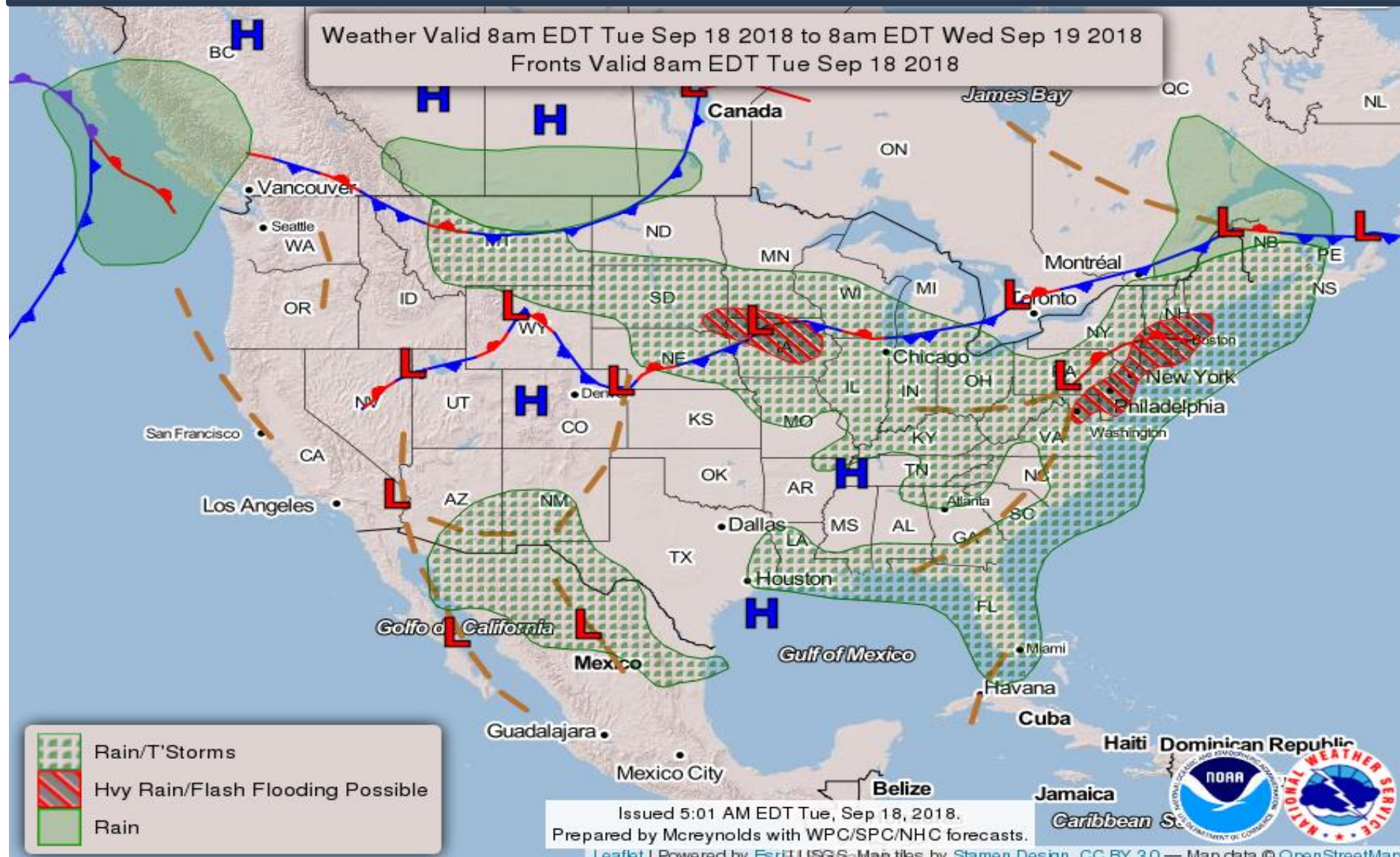
Thunderstorms over Northern Mexico mid to late this week may produce rises on Rio Grande between Amistad and Falcon Reservoirs

Today's Weather

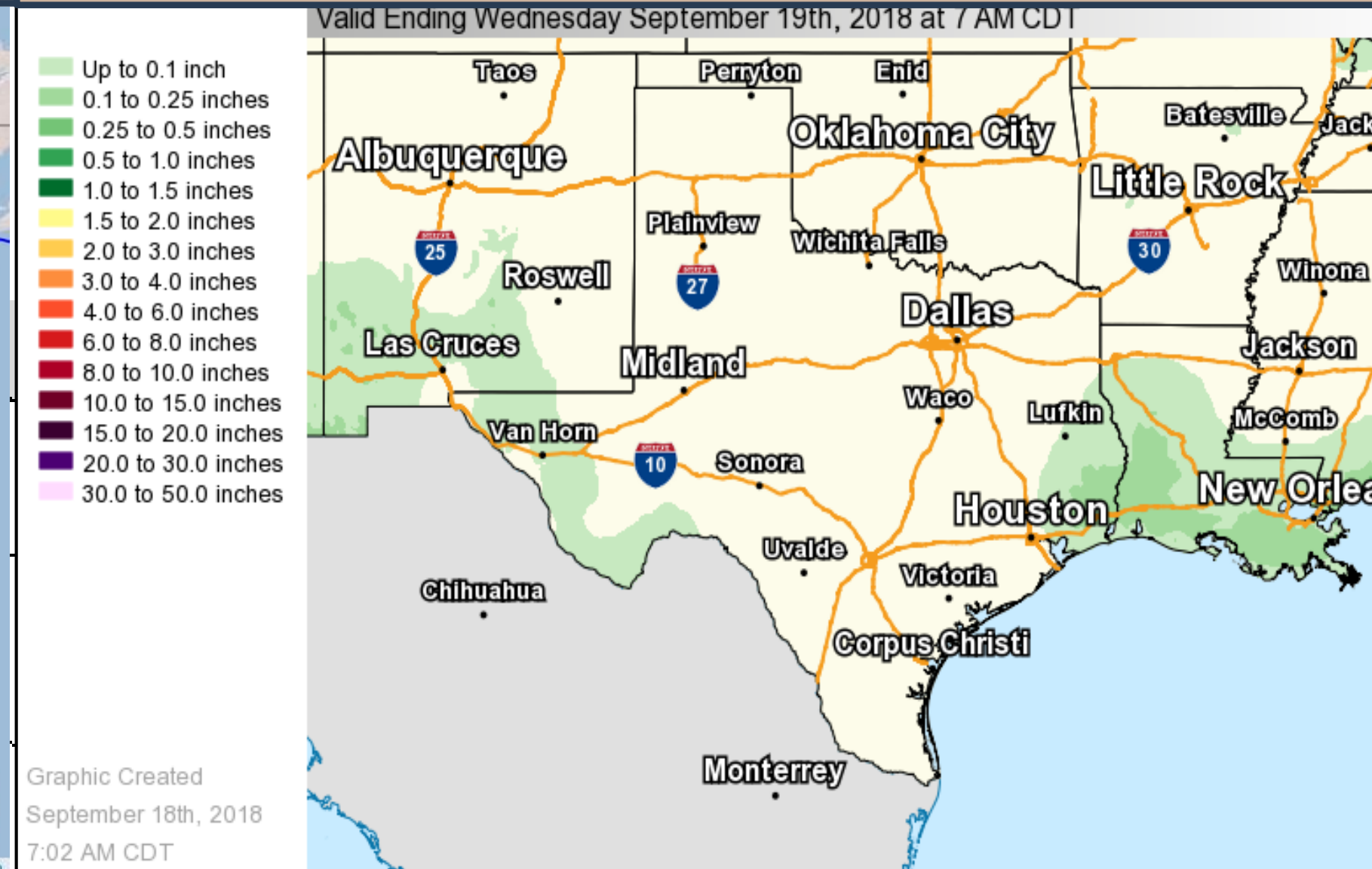


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Forecast Chart



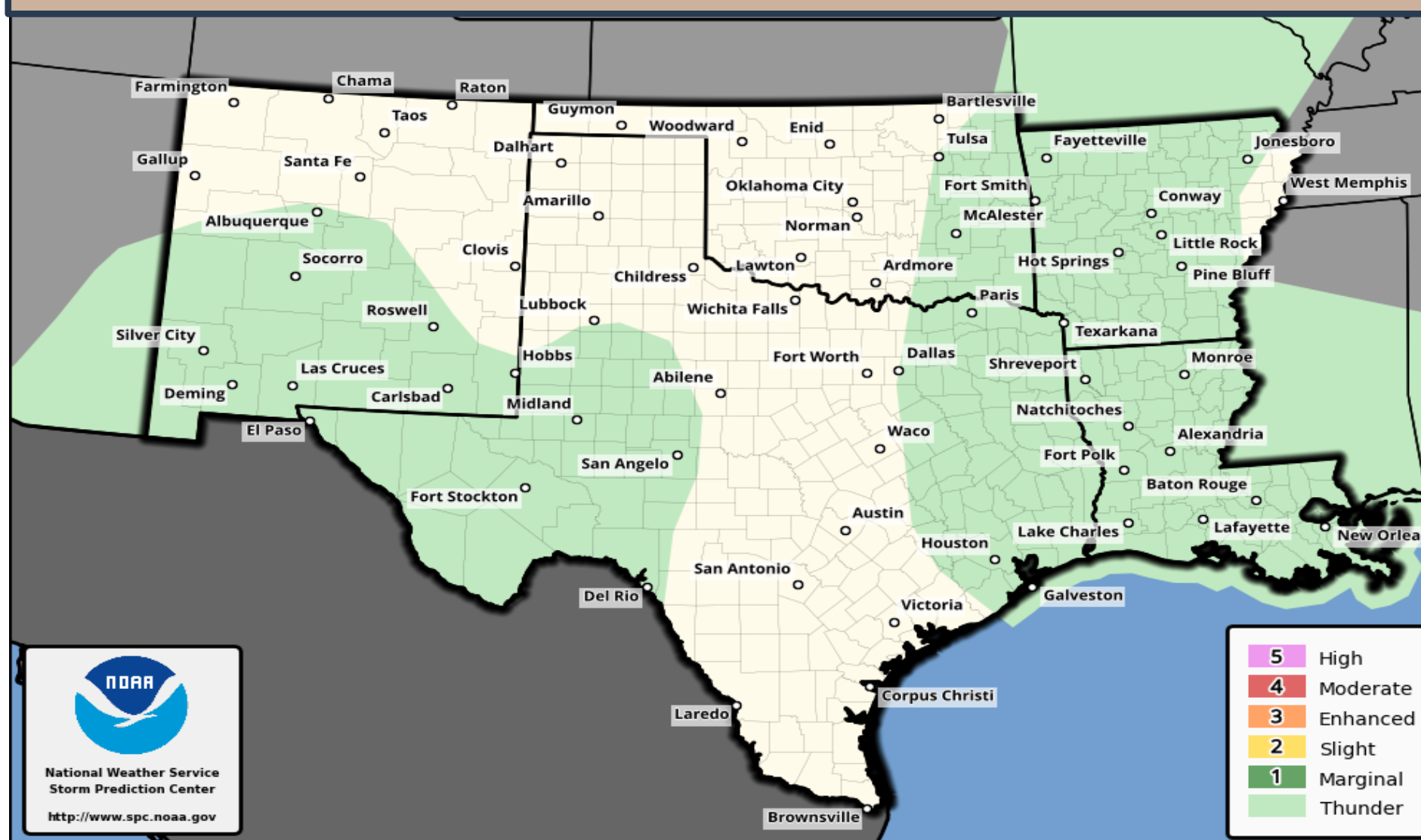
Forecast Rainfall



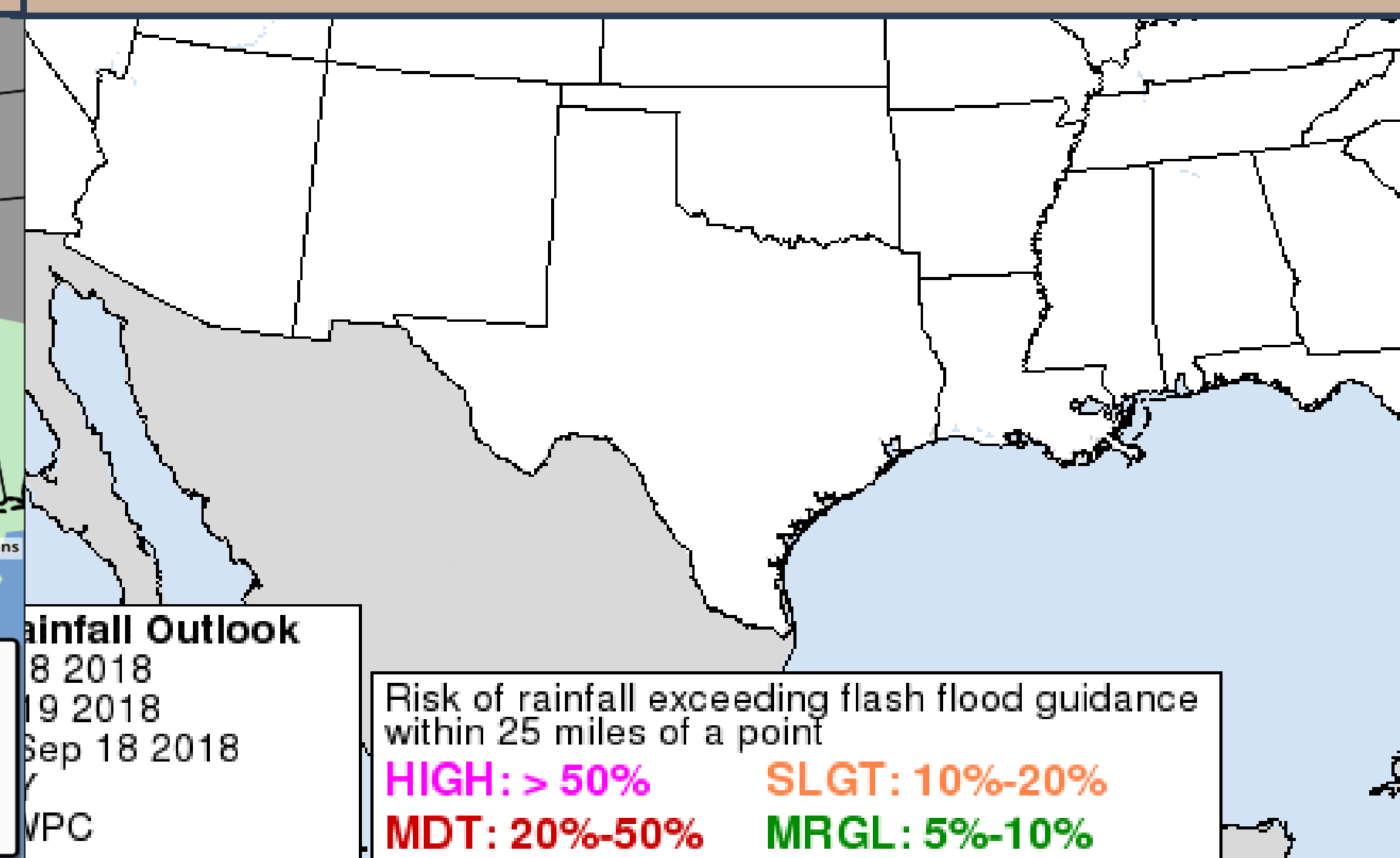
No significant weather.

River Flooding will continue across STX.

Severe Weather Outlook



Excessive Rainfall Outlook



Tomorrow's Weather



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Forecast Chart

Forecast Rainfall

No significant weather.

River Flooding will continue
across S TX.

Severe Weather Outlook

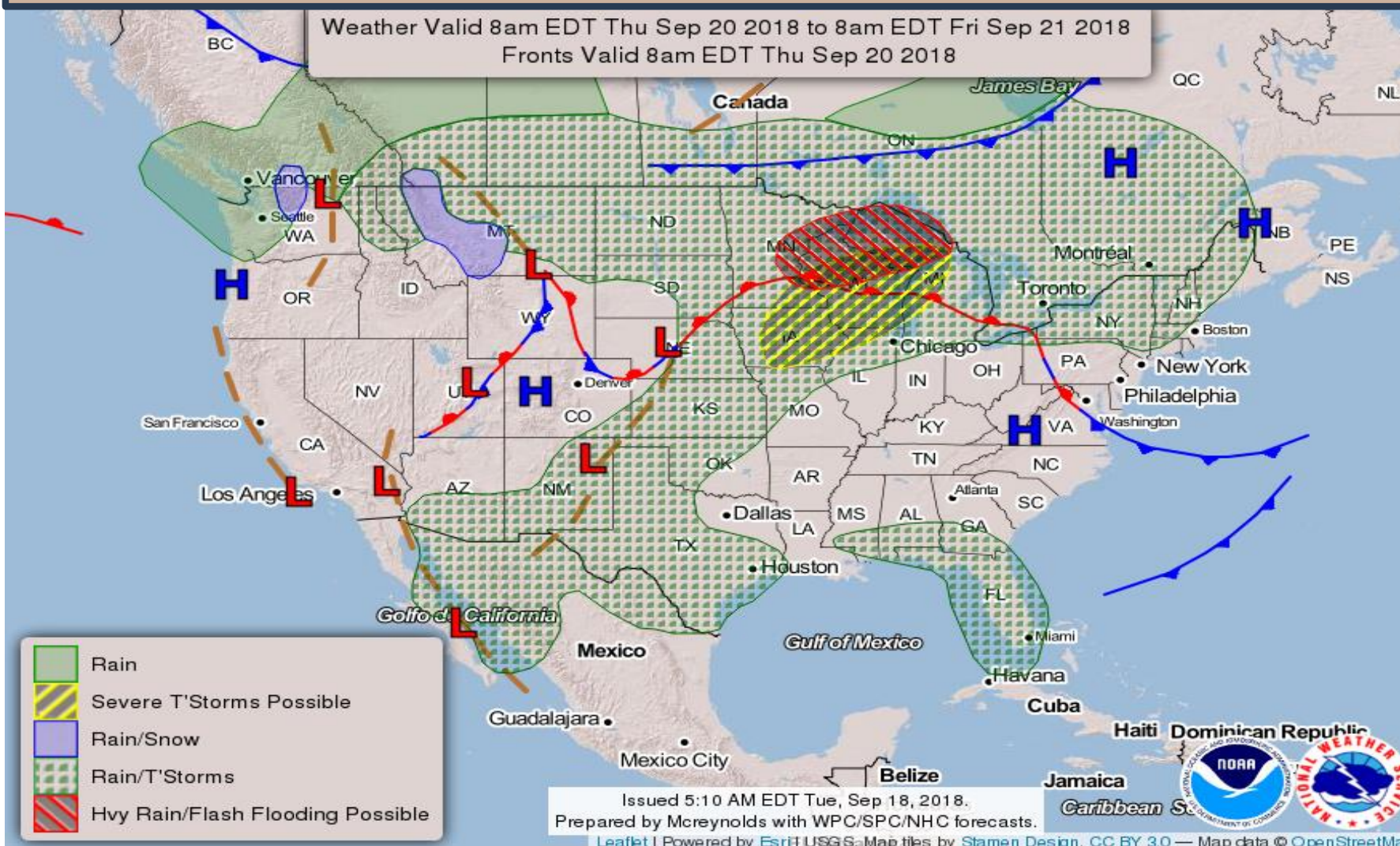
Excessive Rainfall Outlook

Thursday's Weather

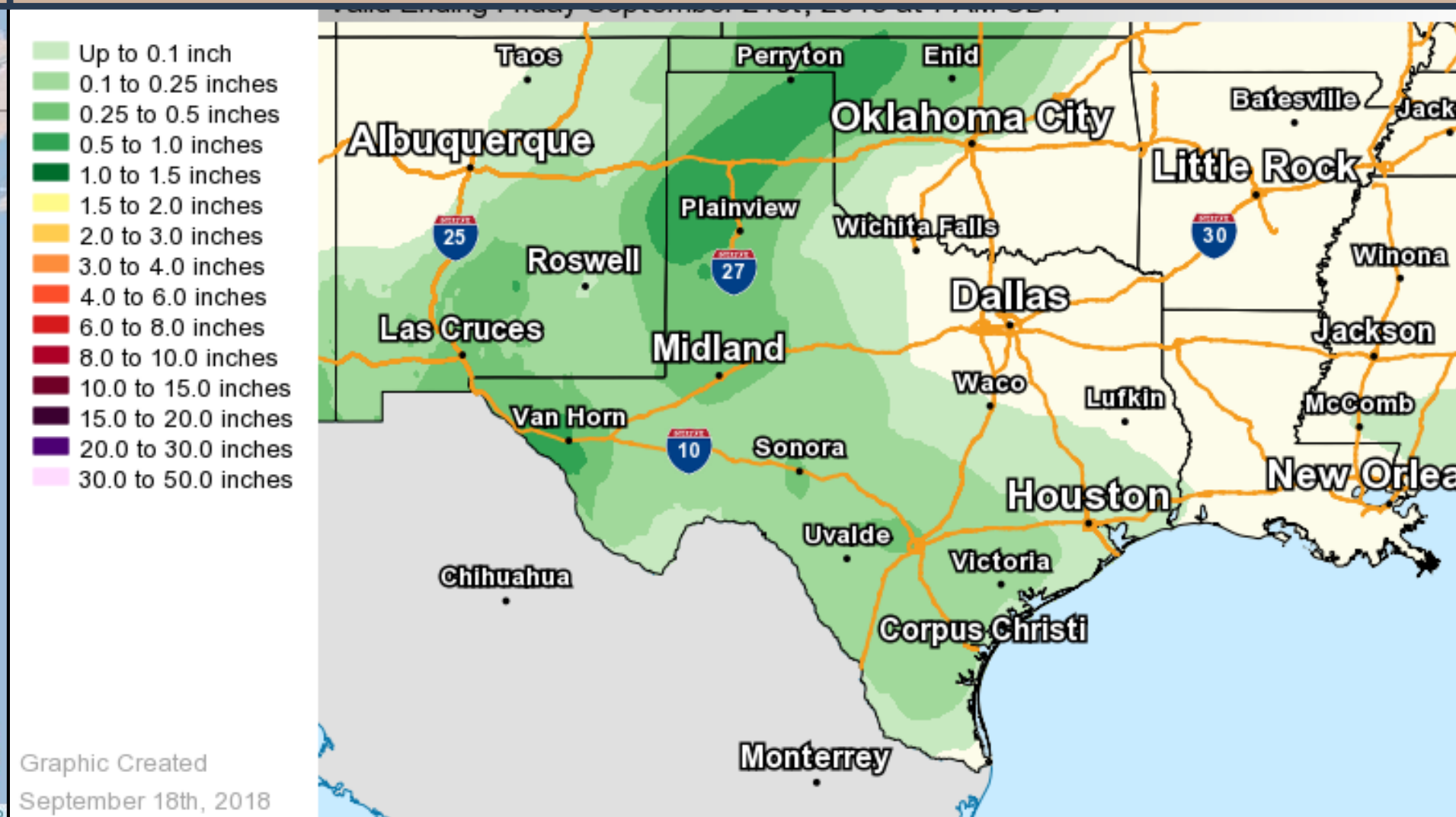


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Forecast Chart



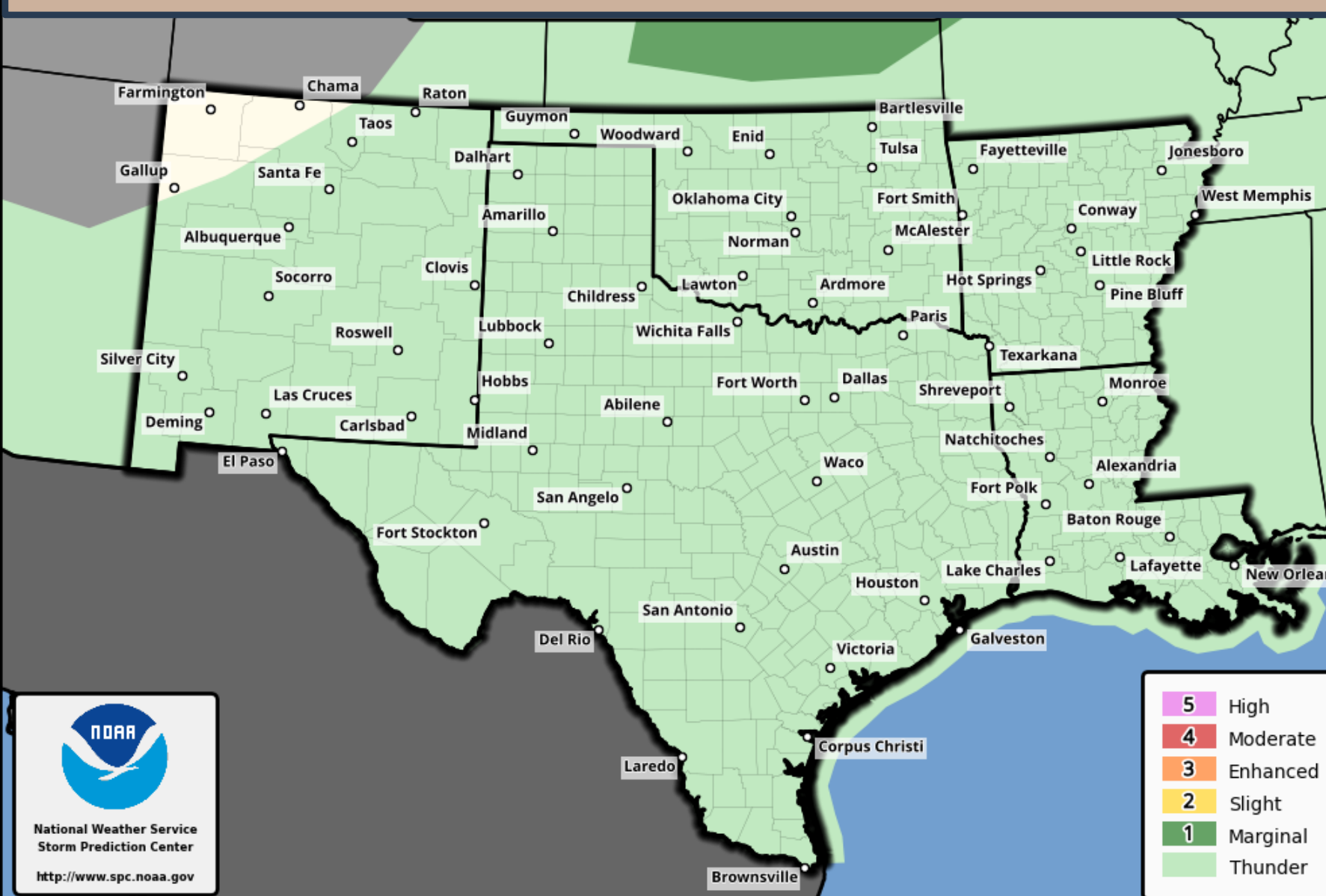
Forecast Rainfall



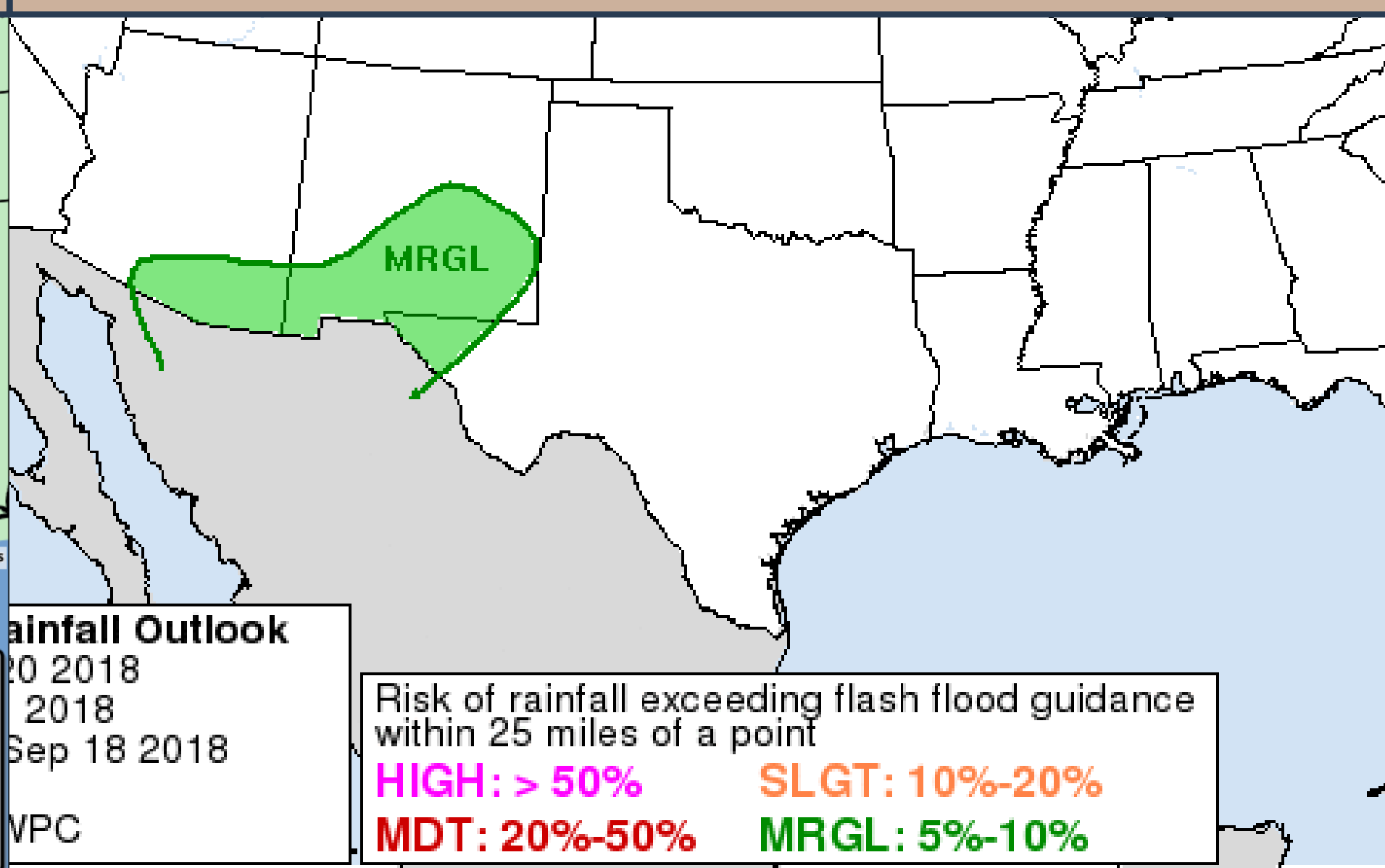
Isolated heavy rain/
flash flooding possible in
southern NM into
Far West TX.

River Flooding will continue
across STX.

Severe Weather Outlook



Excessive Rainfall Outlook

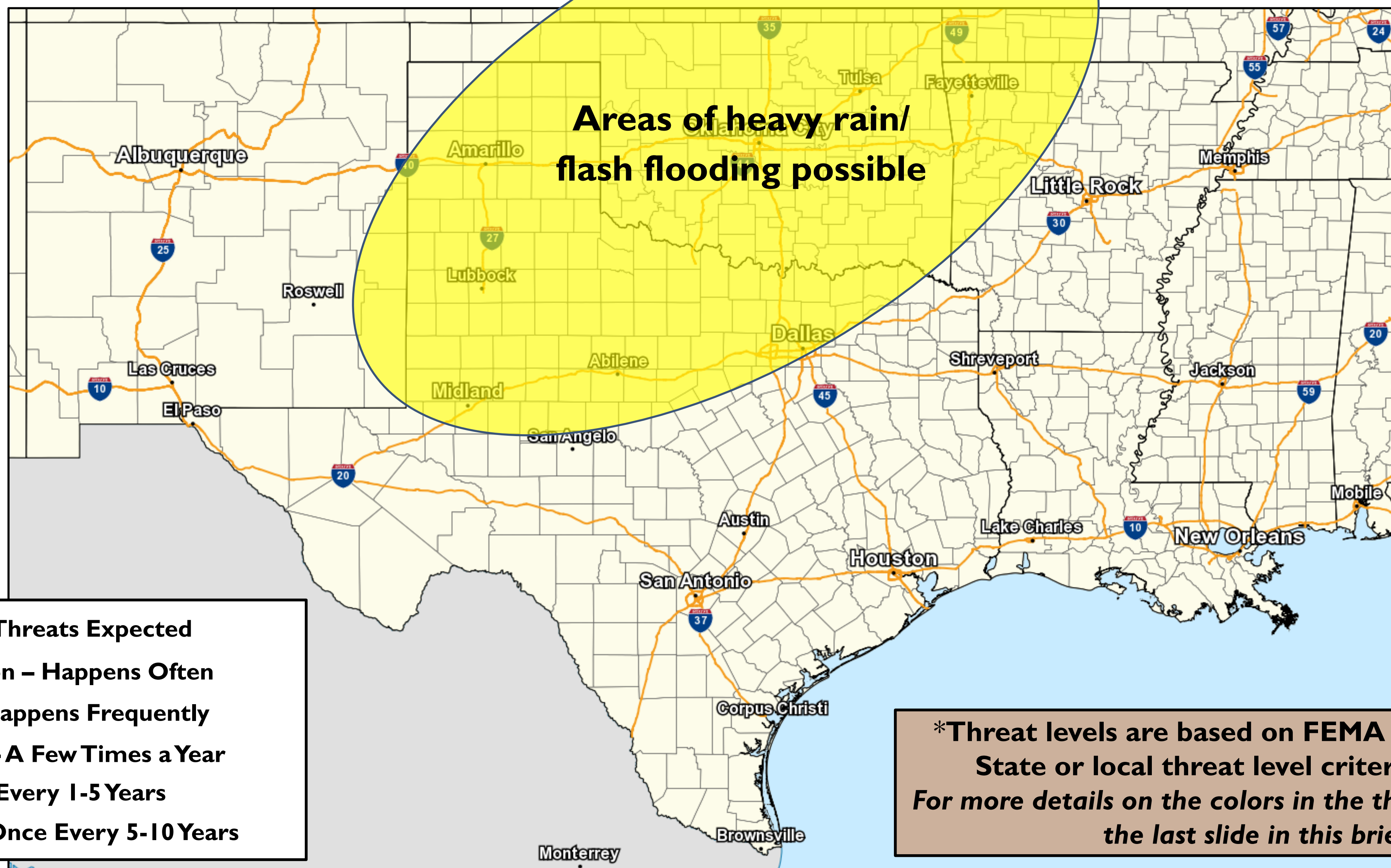


Days 4-5 Weather Hazards

Friday - Saturday



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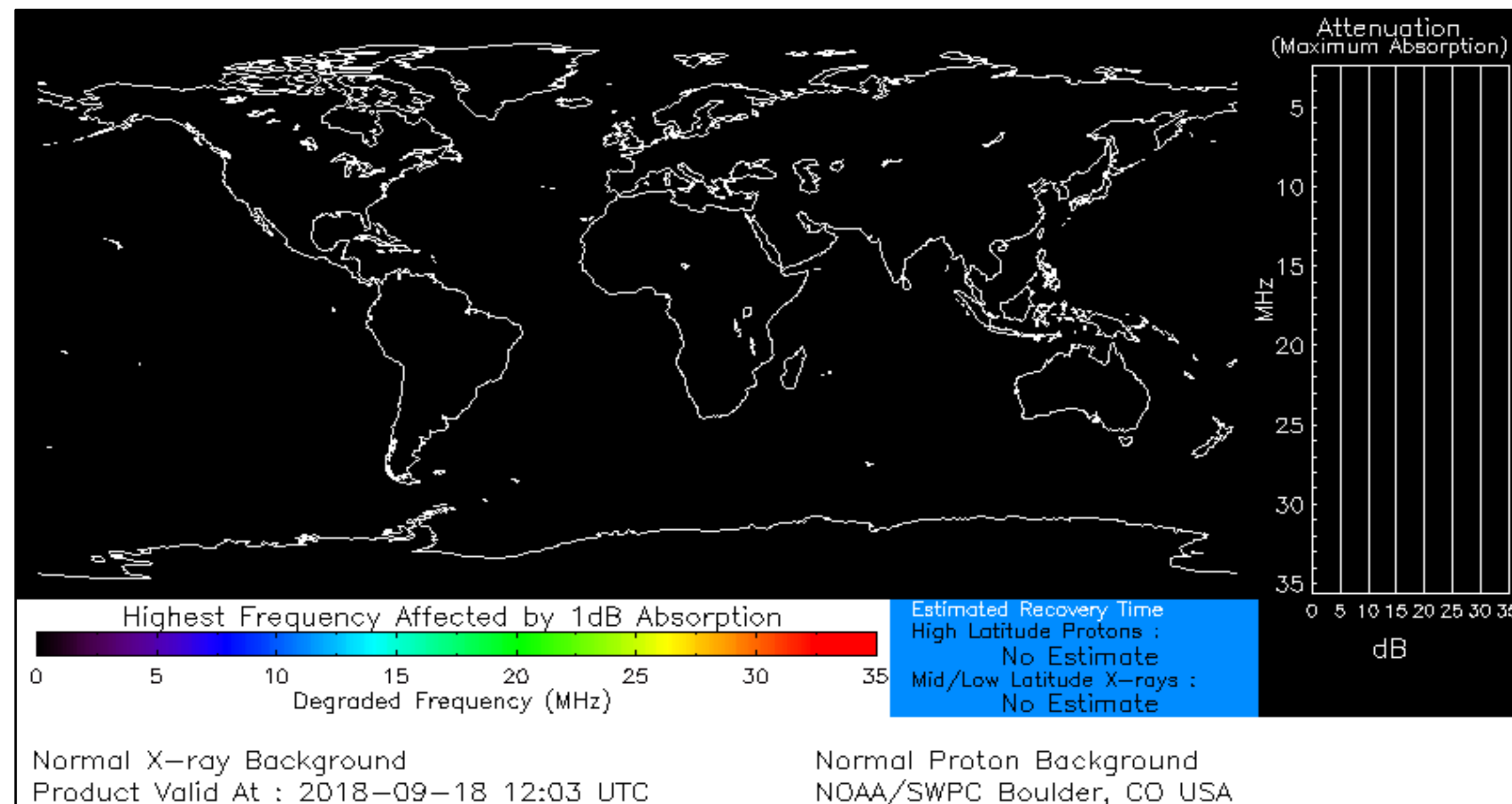


Space Weather 3-Day Forecast



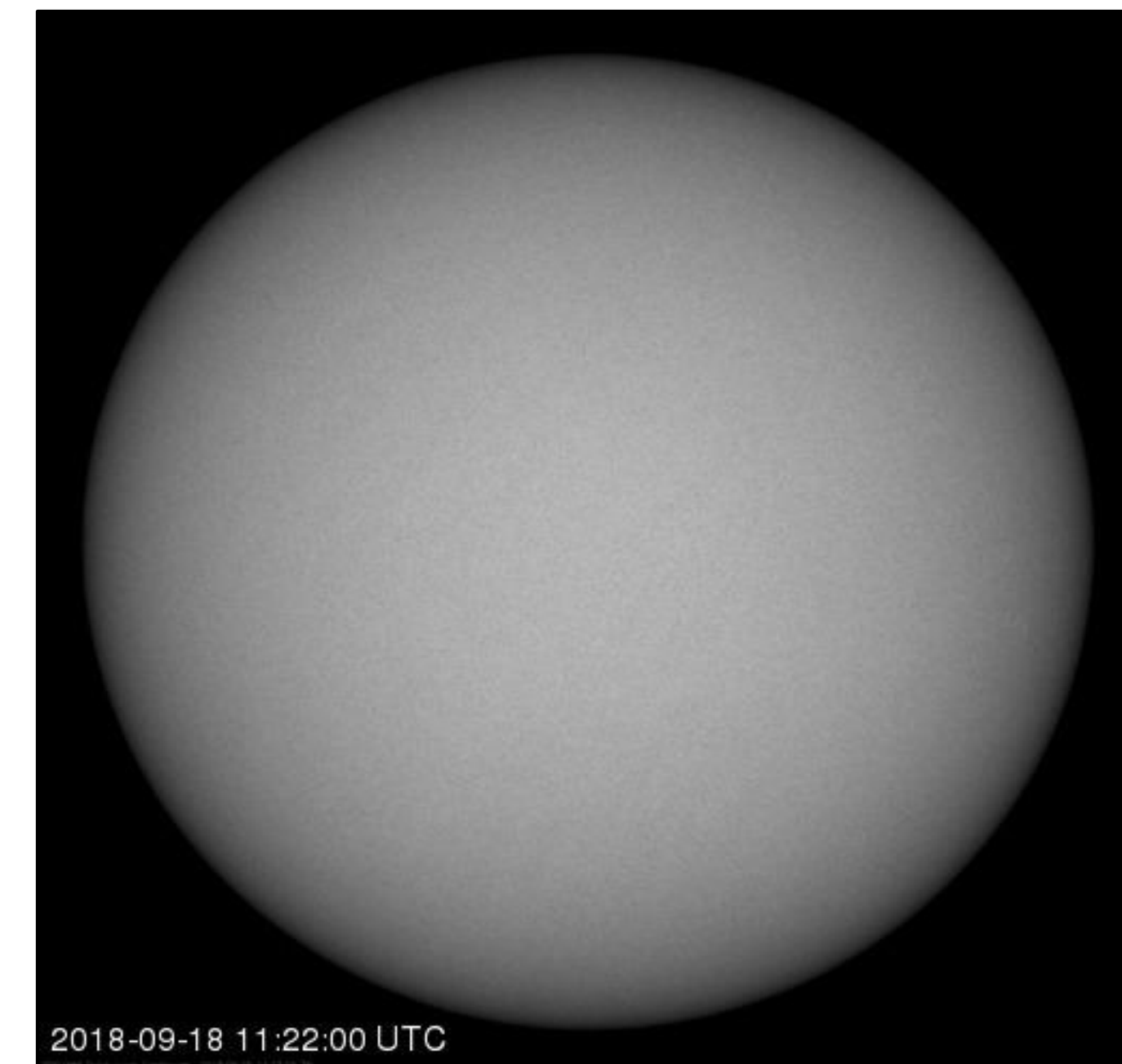
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	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov